

Description: Loading buffer II (6x) is used for DNA samples dissolved in water or TE-buffer. Loading buffer II increases the density of the sample and adds dye for simplifying the loading process for acrylamide and agarose gels.

In 1 % agarose gels, bromphenol blue migrates with 300 bp linear double-stranded DNA fragment, while xylene cyanol FF migrates at approximately the same rate as linear double-stranded DNA fragments of 4 kb length.

Ref No.	306205	color
Loading Buffer II (6x)	0.5 mL	white
Datasheet	1	--

Concentration: 6x (final 1x: prepare 1:6 dilution with DNA)

Composition: 0.25 % Bromphenol blue sodium Salt, 0.25 % Xylene cyanol FF and 15 % Ficoll 400

Quality control: Agarose gel electrophoresis

Storage: -20 °C (stable at RT for about 6 months)